

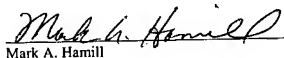


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group: 1732
Application No.: 10/049,756
Invention: A CORE PIN AND SLEEVE AND METHOD OF USING SAME
Applicant: Glenn Starkey
Filed: February 12, 2002
Attorney
Docket: PRO/93146
Examiner: Tim Heitbrink

} Certificate Under 37 CFR 1.8(a)
} This correspondence is being deposited with the
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} on May 11, 2004
}
} 
} Mark A. Hamill

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

This statement is filed in the application identified above pursuant to 37 C.F.R. §1.56. No representation is intended that a complete search has been made of the prior art or that no better art references then listed below are available. A copy of the patents listed below is provided for review by the Examiner. Applicant has become aware of these references and is disclosing them in an abundance of caution to ensure full compliance with Applicant's duty of candor and good faith. The filing of this Statement shall not be construed to be an admission that

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the information cited in the Statement is, or is considered to be, material to patentability as defined in §1.56(b).

The Misumi catalogue page 171 shows a stepped ejector sleeve. Catalogue page 172 states that "Stepped Ejector Sleeves are available at 0.4mm thickness." The Misumi catalogue does not disclose a sleeve having (1) a thickness between thirty and forty thousandths of an inch or (2) a sleeve having a thin, metallic lubricious coating.

The Misumi catalogue pages 903-04 disclose positioning screw plugs. A screw plug is shown on page 904 as a "locking plug" to adjust a center pin (also commonly known as a core pin). The screw plug is shown mounted in a stationary press plate of a mold. The mounting plug is not shown mounting an ejector pin or ejector sleeve, nor is it shown mounted in the ejector plate of the mold. Still further, the Misumi catalogue does not show a combination of a screw plug, sleeve and sleeve extension.

The HASCO catalogue shows an extension rod for use with ejector pins and sleeves. The extension rod has a screw on cap for capturing and retaining the pin or sleeve. The Hasco catalogue does not disclose an extension device having a slot structure on one end for receiving an ejector sleeve.

U.S. Patent No. 5,644,833 discloses an ejector coated with a thin, lubricious coating. The '833 patent does not disclose a thin, walled ejector sleeve or coating such a sleeve.

U.S. PgPub 200200118825 discloses coating an ejector with a thin, lubricious coating including compositions including alloys of nickel such as a nickel, phosphorus, polytetrafluorethylene (PTFE) alloy. The '825 PGpub does not disclose a thin wall ejector sleeve or coating such as a sleeve.

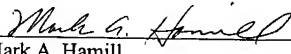
The cited references are not believed to disclose or suggest the subject matter recited in the pending claims of the above-identified application. It is therefore believed that the claimed subject matter is patentably distinguishable over these references.

The person making this Statement is the attorney who signs below on the basis of the information in the attorney's file and as provided by Applicant and his representatives.

In accordance with 37 CFR §1.97(b) this Supplemental Information Disclosure Statement is being filed after the mailing of a first Office Action on the merits, therefore the fee of \$180.00 under 37 C.F.R. §§, 1.17(p) and 1.97 is enclosed.

Respectfully submitted,

Law Offices of Mark A. Hamill, P.C.



Mark A. Hamill
Attorney Registration No. 37,145

MAH:jah

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/049,756
Filing Date	2/12/2002
First Named Inventor	Glenn Starkey
Art Unit	1722
Examiner Name	Tim Heitbrink
Attorney Docket Number	93146

[illegible][illegible]

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitution for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known Application Number 10/049,756 Filing Date 2/12/2002 First Named Inventor Glenn Starkey Art Unit 1722 Examiner Name Tim Heitbrink Attorney Docket Number 93146	
Sheet		of			

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		MISUMI CORP. Catalogue, 1992 pp. 171-172 & 903-904 MISUMI CORP. Tokyo, Japan	
		HASCO Catalogue, 2002, Extension Rod Page HASCO HASENCLEVER GMBH & CO. KG	

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Examiner Signature		Date Considered	
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